

I CLAIM:

1. A heat dissipating fan assembly comprising:

a motor having two opposite sides, and first and second shaft sections extending outwardly and respectively from said sides in opposite directions; and

first and second propellers mounted respectively on said first and second shaft sections, said first and second propellers rotating simultaneously to produce air currents at two opposite sides of the fan assembly.

2. The heat dissipating fan assembly as claimed in Claim 1, wherein said motor has a single shaft which is composed of said first and second shaft sections.

3. The heat dissipating fan assembly as claimed in Claim 1, further comprising a motor casing that covers said motor, and a partition plate connected to said motor casing and disposed between said first and second propellers.

4. The heat dissipating fan assembly as claimed in Claim 3, wherein said motor casing has an outer wall, and a flange projecting from said wall and around said motor casing, said partition plate being sleeved on said motor casing and being secured to said flange.

5. The heat dissipating fan assembly as claimed in Claim 1, further comprising two shrouds for covering and protecting said first and second propellers, respectively.

6. The heat dissipating fan assembly as claimed in Claim

1, further comprising a vertical support unit connected to said motor, said motor casing being connected to said motor.